

# Notice of Allowability

Application No.

09/818,096

Examiner

Syed J. Ali

Applicant(s)

SOKOLOV ET AL.

Art Unit

2195

## -- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the after-final amendment filed Feb. 16, 2006.
2. ☒ The allowed claim(s) is/are 1,3,4,7-10,13,16 and 19-26, renumbered as claims 1-17.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.


Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date 3/14/05; 6/30/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
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### EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

2. **The application has been amended as follows:**

-- In the specification --

a. **Replace the paragraphs at page 1, lines 6-21, as follows:**

This application is related to U.S. Patent Application No. 09/703,361, entitled "FRAMEWORKS FOR INVOKING METHODS IN VIRTUAL MACHINES," issued as U.S. Patent No. 6,901,591, which is hereby incorporated by reference.

This application is related to U.S. Patent Application No. 09/703,356, entitled "METHODS AND APPARATUS FOR NUMERIC CONSTANT VALUE INLINING IN VIRTUAL MACHINES," issued as U.S. Patent No. 6,978,456, which is hereby incorporated by reference.

This application is related to U.S. Patent Application No. 09/703,449, entitled "FRAMEWORKS FOR LOADING AND EXECUTION OF OBJECT-BASED PROGRAMS," issued as U.S. Patent No. 6,996,813, which is hereby incorporated by reference.

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This application is related to U.S. Patent Application No. 09/818,097, entitled "TECHNIQUES FOR LOADING CLASS FILES INTO VIRTUAL MACHINES," issued as U.S. Patent No. 7,020,874, which is hereby incorporated by reference.

**b. Replace the sentence at page 8, lines 3-6, as follows:**

More details about the implementation of a raw class heap are disclosed in the related U.S. Patent Application No. 09/818,097, entitled "TECHNIQUES FOR LOADING CLASS FILES INTO VIRTUAL MACHINES," issued as U.S. Patent No. 7,020,874.

**c. Replace the sentence at page 12, lines 4-14, as follows:**

The creation of the internal representation can, for example, include the operations of creating a shell and populating it in accordance with the inventions described in U.S. Patent Application No. 09/703,361, entitled "FRAMEWORKS FOR INVOKING METHODS IN VIRTUAL MACHINES," issued as U.S. Patent No. 6,901,591, U.S. Patent Application No. 09/703,356, entitled "METHODS AND APPARATUS FOR NUMERIC CONSTANT VALUE INLINING IN VIRTUAL MACHINES," issued as U.S. Patent No. 6,978,456, and U.S. Patent Application No. 09/703,449, entitled "FRAMEWORKS FOR LOADING AND EXECUTION OF OBJECT-BASED PROGRAMS," issued as U.S. Patent No. 6,996,813.


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3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Syed J. Ali whose telephone number is (571) 272-3769.

The examiner can normally be reached on Mon-Fri 8-5:30, 2nd Friday off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai T. An can be reached on (571) 272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
Syed Ali  
March 22, 2006

  
MENG-AI T. AN  
SUPERVISORY PATENT EXAMINER  
MAR 22 2006